

AMENDMENT UNDER 37 C.F.R. § 1.111
Appln. No. 09/987,086
Docket No. Q67205

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A motor comprising:

a stator provided with a resin coil bobbin formed by insert molding having at least two metallic stator cores, said cores being stacked in an axial direction of the motor, and each core having an outer yoke and an inner yoke; ~~and~~

a rotor accommodated in said stator, said rotor being rotated while being urged by an urging member in the axial direction of said rotor;

~~wherein~~ a positional regulation part, located on one side face of said stator, ~~is~~ integrally formed with said resin coil bobbins by insert molding, and

~~wherein~~ a support portion, integrally formed with said resin coil bobbins by insert molding, constituted by a cap portion having a circular hole on which a slide bearing;

wherein the support portion is positioned, and located on another side face of the stator, and supports said slide bearing, and

wherein the positional regulation part and the support portion regulate the position of the rotor both in the thrust and radial direction.

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2. (currently amended): A motor according to claim 1, further comprising a slide bearing movable in the axial direction of said rotor and rotatably receiving one end of a shaft of said rotor, and

wherein a ~~holding~~the support portion for holding holds said slide bearing and is provided integrally with said coil bobbin, and said urging member is attached to said ~~holding~~support portion.

3. (original): A motor according to claim 2, wherein said positional regulation part is constituted by a bearing provided at the other end of said shaft.

4. (original): A motor according to claim 3, wherein said positional regulation part accepts indirectly an urging force of said urging member via a washer made of resin.

5. (original): A motor according to claim 3, wherein the other end of said shaft is protruded from said bearing, and a lead screw portion is formed in said protruded portion.

6. (currently amended) A motor comprising:

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a stator provided with a resin coil bobbin formed by insert molding having at least two metallic stator cores, each core having an outer yoke and an inner yoke; ~~and~~

a rotor accommodated in said stator, said rotor being rotated while being urged by an urging member in the axial direction of said rotor, said rotor being disposed inside said at least two cores;

~~wherein~~ a positional regulation part, located on one side face of said stator, ~~is~~ integrally formed with said resin coil bobbins by insert molding, and

~~wherein~~ a support portion, integrally formed with said resin coil bobbins by insert molding, constituted by a cap portion having a circular hole on which a slide bearing is positioned; ~~and~~

wherein said support portion is located on another side face of the stator, and supports said slide bearing, and

wherein the positional regulation part and the support portion regulate the position of the rotor both in the thrust and radial direction.

7. (previously presented): A motor according to claim 6, further comprising a slide bearing movable in the axial direction of said rotor and rotatably receiving one end of a shaft of said rotor, and

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wherein a holding portion for holding said slide bearing is provided integrally with said coil bobbin, and said urging member is attached to said holding portion.

8. (previously presented): A motor according to claim 7, wherein said positional regulation part is constituted by a bearing provided at the other end of said shaft.

9. (previously presented): A motor according to claim 8, wherein said positional regulation part accepts indirectly an urging force of said urging member via a washer made of resin.

10. (previously presented): A motor according to claim 8, wherein the other end of said shaft is protruded from said bearing, and a lead screw portion is formed in said protruded portion.

11.-13. (canceled).